

Title (en)

Articulated arm measuring machine endowed with automatic brake

Title (de)

Gelenkarm-Messgerät mit automatischer Bremse

Title (fr)

Machine de mesure de bras articulé à base de frein automatique

Publication

EP 2067580 A1 20090610 (EN)

Application

EP 07122258 A 20071204

Priority

EP 07122258 A 20071204

Abstract (en)

The present invention relates to an automatic lock and release device for a portable articulated arm measuring machine, comprising a brake (20) configured for braking an axis (24) of the machine, controlled by an electronic unit that activates the brake. The device increases machine safety by preventing the machine from falling in the most likely falling conditions.

IPC 8 full level

B25J 1/02 (2006.01); **B25J 9/16** (2006.01); **B25J 19/00** (2006.01); **G01B 5/008** (2006.01); **G01B 7/008** (2006.01); **G01B 11/00** (2006.01)

CPC (source: EP)

B25J 1/02 (2013.01); **B25J 9/1676** (2013.01); **B25J 19/0004** (2013.01); **G01B 5/008** (2013.01); **G01B 7/008** (2013.01); **G05B 2219/39097** (2013.01); **G05B 2219/40218** (2013.01)

Citation (search report)

- [XY] WO 2004096502 A1 20041111 - CRAMPTON STEPHEN JAMES [GB]
- [X] US 6166504 A 20001226 - IIDA SHINJI [JP], et al
- [X] GB 2387672 A 20031022 - MITSUBISHI ELECTRIC CORP [JP]
- [X] EP 1557134 A1 20050727 - OLYMPUS CORP [JP]
- [X] DE 19903445 A1 20000803 - ZETT MESS TECHNIK GMBH [DE]
- [X] JP H07104811 A 19950421 - TOYODA MACHINE WORKS LTD
- [Y] US 4631514 A 19861223 - FUJIWARA TATSUO [JP]

Cited by

JP2018138897A; CN106976083A; CN112190330A; US10286552B2; WO2015155305A3; US10688656B2; US11931893B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2067580 A1 20090610

DOCDB simple family (application)

EP 07122258 A 20071204